



City of Cardiff Education Committee.

ANNUAL REPORT

FOR 1921

OF THE

SCHOOL MEDICAL OFFICER.

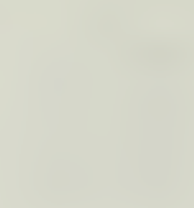
RALPH M. F. PICKEN, M.B., Ch.B., B.Sc., D.P.H.,

School Medical Officer, Cardiff Education Authority ;
Medical Officer of Health, City and Port of Cardiff.

CARDIFF:

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CITY OF CARDIFF.

Education Committee.

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MISS MABEL HOWELL.

MR. GEORGE CLARRY.

MR. WALTER THOMAS.

PRINCIPAL A. H. TROW, D.Sc.

Medical Inspection Staff.

(DECEMBER, 1921).

School Medical Officer :

RALPH M. F. PICKEN, M.B., Ch.B., B.Sc., D.P.H.

Assistant School Medical Officers :

HERBERT SHEASBY, M.B., Ch.B., D.P.H.

LILIAN GRIFFITHS, B.Sc., M.R.C.S., L.R.C.P.

JANET GRANT, M.B., Ch.B., D.P.H.

Specialists—School Clinic :

Oculist : J. W. T. THOMAS, M.B., Ch.B., M.R.C.S.

Aural Surgeon : A. MASON JONES, M.D., M.B., Ch.B.

Dentist : DAVID W. ELLIOT, L.D.S.

Anæsthetist : ERIE EVANS, M.B.

School Nurses :

AGNES C. BRODIE.

ELLEN WHITING.

FRANCIS H. JONES.

INDIANA P. EBBETT.

PHOEBE A. JOHNS.

W. BRODIE.

L. BALL.

Clerks :

LILY MELLINGS.

MATTHEW RAYMONT.

Ch. 1. The first part of the book

is devoted to the study of the

history of the language and the

development of the grammar.

The second part of the book

is devoted to the study of the

syntax and the morphology of the

language.

The third part of the book

is devoted to the study of the

semantics and the pragmatics of the

language.

The fourth part of the book

is devoted to the study of the

CITY OF CARDIFF EDUCATION COMMITTEE.

CITY HALL,

CARDIFF,

March, 1922.

TO THE CHAIRMAN AND MEMBERS OF THE EDUCATION COMMITTEE.

LADIES AND GENTLEMEN,

I have the honour of submitting the Annual Report on the Medical Inspection and Treatment of School Children for the year 1921. In view of the present need for economy, and the fact that I took over supervision of the Department from Dr. Walford as recently as October of that year, the Report has been abbreviated as far as is compatible with the requirements of the Board of Education.

The organisation of the School Medical Service in Cardiff has been fully described in previous reports. The essential feature is that it is an integral part of the work of the Public Health Department. In this way the fundamental unity of the preventive service is observed. The various branches of public health work, however, have developed piecemeal, and accommodation has had to be found where it has been available. In any future developments, regard should be taken of the importance of securing economy, efficiency, and convenience to the public, by housing the various services—School Clinics, Dental Clinics, Infant Consultations, Antenatal Clinics, and possibly Tuberculosis and Venereal Dispensaries, in common, adequately equipped premises.

The provision of an Open-air School for tuberculous children, or children with a tendency to tuberculosis, has been under consideration by the Committee for several years. The problem of educating tuberculous children is really twofold. An increasing number of children are forced by reason of this disease to spend long periods of residence in sanatoria or hospital, during which their education is at a stand-still. This is a defect which should be overcome, but under the existing arrangements for institutional treatment in Wales, it must be dealt with as a national problem. On the other hand, the great majority of the children who require open-air education at any one time are not in residential institutions. At 31st December, 1921, there were in Cardiff, roughly 170 children between 5 and 15 years of age, who were known to be suffering from one form or another of tuberculosis. Some of these were unfit to attend school, but the majority were suitable for education in an open-air school, and, over and above these, there were almost 250 chronically debilitated children attending ordinary schools, who would benefit physically and mentally if transferred to such an institution. Under present circumstances, it is recognised that any such scheme could not be expected to receive the approval of the Board of Education, but it is desirable to proceed with it at the earliest possible opportunity.

I have to record my appreciation of the excellent organisation built up under the supervision of Dr. Walford, and my gratitude for the kind assistance which he afforded me in taking over his responsibilities. I have also to thank the Medical, Nursing, and Clerical Staff for their willing help, and the various sections of the Director of Education's Department for their constant co-operation.

I have the honour to be,

Ladies and Gentlemen,

Your obedient Servant,

RALPH M. F. PICKEN.

ARTICLES

THE PROBLEM OF THE FUTURE OF THE PHYSICIAN

By J. H. HARRIS, M.D.,
Professor of Medicine, University of
Chicago, Chicago, Ill.

Read before the American Medical Association, Chicago, Ill., April 15, 1919.

THE FUTURE OF THE PHYSICIAN is a problem which has been discussed for many years. It is a problem which has become more acute in recent years, and it is one which is of great importance to the medical profession and to the public.

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CHANGES IN THE STAFF.

In addition to Dr. Walford's retiral, changes in the Assistant Medical Staff fall to be recorded. In April, consequent upon Dr. Mary I. Adams' appointment as Assistant for Maternity and Child Welfare, Dr. Lilian Griffiths was appointed Assistant School Medical Officer, and in November, Dr. Janet Grant was appointed in succession to Dr. Elsie Stansfield resigned. In April Dr. A. Mason Jones took over the Ear, Throat and Nose Clinic as part-time Specialist, in place of Dr. J. O. Wade. As mentioned in the Report for 1920, Mr. D. W. Elliot commenced duty as whole-time Dentist on 1st April, 1921.

CO-ORDINATION.

Within the Department there is close co-operation between the various sections, the School Medical Officer being Medical Officer of Health and each of the Assistant Medical Officers engaged in some other branch of public health work. Satisfactory contact is also maintained with the Tuberculosis and Venereal Disease Officers and Epidemic Inspectors and with the School Attendance Department. The School Nurses are assisted in the home treatment of minor ailments by the Nurses of the Queen Victoria Jubilee Nurses Institute.

SCHOOL HYGIENE.

Reports are submitted regularly by the Assistant Medical Officers as to the sanitary condition, etc., of the schools inspected, and any defects are intimated to the appropriate Officer.

MEDICAL INSPECTION.

During the year the following groups of children have been examined :—

(a) Children admitted to School during the year	2,419
(b) Children between 12 and 13 years of age, together with children over 13 years, who had not already been examined after reaching the age of 12 years	3,007
(c) Children between 8 and 9 years of age	3,033
(d) Children in Secondary and High Schools not previously examined in these Schools	507

The total number of Elementary School children examined was 8,459, as compared with 10,305 in 1920, while 507 were examined in Secondary and High Schools, as against 1,708 in 1920. Changes in the Staff which occurred during the year prevented the completion of the inspection of all girls and infants in these groups, but it is hoped that the arrears will be overtaken in 1922.

In addition to routine inspections, special examinations were made at the instance of the Medical Officers, Teachers, Attendance Officers, Parents, or otherwise, at the Clinics or in Schools, to the number of 1,936. The importance of these Special Examinations cannot be over-estimated, and it is hoped, with the co-operation of the Teachers, to increase their number in future years. In addition, 783 children were re-examined during the year.

FINDINGS OF MEDICAL INSPECTION.

UNCLEANLINESS was recorded in 188 instances, or 1·7%, as compared with 2·7% in 1920. In the majority (164) the head was affected, uncleanliness of the body being present in only 24 children. In addition, 51,837 Special Examinations for uncleanliness were made by School Nurses, when 1,872 children (3·0%, as against 3·4% in 1920) were found to be verminous or to have nits. Of these 1,496 were re-examined, and 1,042 found to have been cleansed.

MALNUTRITION was present in 101 cases, or 0·9%, as against 0·9% in 1920. While observation of nutrition is influenced by the personal attitude of the Examiner, the absence of any increase in the amount of malnutrition recorded in school children during the year, when poverty was rife, is probably due in a large part to the Committee's Scheme for providing meals to necessitous children.



TONSILS AND ADENOIDS. Enlargements of Tonsils and/or Adenoids was recorded in 1,184 children, or 10·8%, as against 7·3% in 1920. In the majority (962) the Tonsils only were involved.

TUBERCULOSIS of one form or another was present or suspected in 47 cases, as compared with 82 in 1920. In 19 of the 47 the presence of tuberculosis was only suspected. It is to be noted, however, that the more serious and obvious forms of this disease are rarely in attendance at ordinary school, and the above figures are a very imperfect indication of the incidence of tuberculosis among children of school age.

SKIN DISEASES were observed in 598 children, or 5·4%, as compared with 7·6% in 1920, ringworm accounting for 225 cases, as against 316 in 1920. Itch and impetigo were also less common than formerly.

EXTERNAL EYE DISEASES AND VISION. External diseases of the eye were present in 105 cases, against 116 in 1920. As in former years, most of these children (76) suffered from blepharitis, an inflammation of the margin of the eyelids. Defects of vision and squint occurred in 600 (defective vision 546, squint 54) or 5·5% as compared with 6·7% in 1920.

EAR DISEASE AND HEARING. Defects of hearing, due to other causes than Otitis Media were observed in 32 children, or 0·29%, as compared with 0·6% in 1920. Otitis Media occurred in 73 instances, or 0·66%, as against 1·1% in 1920.

DENTAL DEFECTS were noted at medical inspections in 540 children, or 4·9%, as compared with 4·7% in 1920. In addition, the School Dentist reports that since April, 1921, 2,370 children were specially inspected, as against 1,875 in 1920, and 1,788, or 75%, were ascertained to be in need of dental treatment. The examinations were confined to children from five to eight years of age. Eight schools were covered and the treatment of children attending seven of these has been completed.

INFECTIOUS DISEASES. The close and constant contact which exists within the department between the Officers concerned with School Medical Inspection and the prevention of infectious diseases, and the co-operation established with the School Attendance Department, continue to facilitate the transfer of information concerning infectious disease in school children and the necessary action for the prevention of its spread.

FOLLOWING UP.—The number of children referred for treatment during 1921 was 6,308, of whom 4,147 were ascertained to have received the necessary treatment, either under the Committee's Scheme (3,354) or otherwise. The number of visits in this connection paid by the School Nurses was 4,396, distributed as follows:—

Defects of Vision	...	...	...	...	903
Do. Teeth	...	...	...	...	446
Do. Ear, Nose and Throat	...	...	...	...	1,942
Other Defects ...	...	...	...	...	1,105
Total					<u>4,396</u>

In spite of the persistent efforts of the Department to ensure adequate treatment of children found defective, over 2,000 remained untreated, of whom the great majority were suffering from diseases of the ear, throat and nose, or from defective teeth. The corresponding figure in 1920 was almost 3,000, the improvement in 1921 being most marked in the proportion of dental defects treated.

MEDICAL TREATMENT.

The organisation and methods of treatment both at Clinics and in the home have been fully described in previous Reports. Some measure of the activities of the Department in this

THE FIRST PART OF THE HISTORY OF THE
LIFE OF THE LATE LORD OF THE TREASURY

OF THE GREAT BRITAIN
AND OF THE KINGDOM OF IRELAND
IN THE REIGN OF CHARLES THE SECOND

BY JOHN HUGHES
OF THE MIDDLE TEMPLE

IN TWO VOLUMES
THE FIRST

LONDON
Printed by J. Sturges, at the Golden-Anchor, in St. Dun-
stons Church-yard, 1724

TO THE RIGHT HONOURABLE
THE LORDS OF THE TREASURY
AND OF THE EXCHEQUER
IN PARLIAMENT ASSEMBLED
THESE THINGS ARE COME TO PASS
THAT THE SAID LORDS OF THE TREASURY
AND OF THE EXCHEQUER
DO GRANT TO THE SAID JOHN HUGHES
THE PRIVILEGE OF A MEMBER OF THE HOUSE OF COMMONS
IN PARLIAMENT ASSEMBLED

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connection are set out in Tables IV. of the Appendix to the Report. While the great bulk of cases of skin disease and visual defects receive treatment, other defects, and especially those of the ear, throat and nose are often neglected. Constant efforts continue to be made to have these ailments remedied, as shown by the above record of Nurses' visits to the homes of the children.

PROVISION OF MEALS.

In connection with the Committee's Scheme for feeding necessitous school children, due consideration is given by the School Attendance Officer to special recommendations forwarded from the School Medical Department, in connection with children temporarily excluded from school as contacts with infectious disease, etc. As mentioned above, the absence of any marked decline in the general nutrition of children, in spite of the present unemployment and poverty, must be attributed, in part at least, to the provision of meals.

BLIND, DEAF AND DEFECTIVE CHILDREN.

Special attention is paid by the Department to the children in the School for the Blind, the Oral School, and the School for Mentally Defective Children at Virgil Street. Apart from their special disability, these children are often physically abnormal in other respects, and require more than the usual medical supervision. Centralisation of these schools would therefore be desirable, with the condition that complete isolation from other children should be provided for the mentally defective.

The value of the School for Mentally Defective Children would be enhanced if the lower grade cases could be weeded out. This, however, is impracticable so long as it continues to be difficult to deal with such children through the Mental Deficiency Committee by transference to a suitable residential institution. The lack of adequate institutional accommodation is therefore reacting unfavourably on the Committee's scheme for educating high grade defectives and dull and backward children.

EMPLOYMENT OF CHILDREN AND YOUNG PERSONS.

Information as to the employment of children has been supplied by Mr. Ben. Williams, Juvenile Employment (Education) Officer, and is embodied in Tables IX., X. and XI. of the Appendix. Mr. Williams adds the following note :—

“The numbers of children engaged in part-time employment are considerably lower than last year, and call for comment. The reason for this will be found in the fact that industrial conditions being in a state of chaos, large numbers of lads on leaving school are unable to obtain suitable employment, and, therefore, retain their part-time jobs. These, lads, of course, do not come within the province of the Bye-Laws Department.”

“There is another child employment which closely affects your Department, *i.e.*, the employment of children in entertainments. As you are probably aware, every child of school age who appears as an artiste at any time in a place licensed for public amusement, has to undergo a strict medical examination by your department. You will quite appreciate the very valuable work done by your staff in this direction.”

APPENDIX.--STATISTICAL TABLES.

TABLE I.

Number of Children Inspected 1st January to 31st December, 1921.

A.—ROUTINE MEDICAL INSPECTION.*

ELEMENTARY SCHOOLS.

AGE.	ENTRANTS.					TOTAL
	3	4	5	6	OTHER AGES	
Boys	28	358	525	228	88	1,227
Girls	5	315	544	248	80	1,192
TOTALS	33	673	1,069	476	168	2,419

AGE	INTERMEDIATE GROUP		LEAVERS				TOTAL	GRAND TOTAL
	8	9	12	13	14	OTHER AGES		
Boys	404	1,003	1,234	363	2	...	3,006	4,233
Girls	257	1,369	1,185	221	1	1	3,034	4,226
TOTALS	661	2,372	2,419	584	3	1	6,040	8,459

SECONDARY AND HIGH SCHOOLS.

AGE	10	11	12	13	14	15	16	OTHER AGES	TOTAL
Boys	22	99	111	49	6	2	1	1	291
Girls	26	54	105	28	3	...	...	...	216
TOTALS	48	153	216	77	9	2	1	1	507

B.—SPECIAL INSPECTIONS.*

					SPECIAL CASES	RE-EXAMINATIONS (<i>i.e.</i> , NO. OF CHILDREN RE-EXAMINED).
Boys ... ..	...	...	...	...	866	363
Girls ... ..	...	...	...	...	1,070	420
TOTALS ... ..	...	...	...	...	1,936	783

*Routine Medical Inspection is medical inspection carried out on the lines of the approved Schedule at the time when Routine Medical Inspection is due, and made on the school premises or other place sanctioned by the Board of Education under the Code.

“Special Cases” are those children referred to the Medical Officers and not due for Routine Medical Inspection under the code at the time when specially referred. Such children may or may not be of Code-Group age, and may be referred to the Medical Officer at the School, or the Clinic by the Committee, Medical Officers, School Nurses, Teachers, Attendance Officers, Parents or otherwise.

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APPLICANT INFORMATION									
NAME	DATE OF BIRTH	SEX	RACE	ETHNICITY	RELIGION	POLITICAL AFFILIATION	EDUCATIONAL BACKGROUND	TEST SCORES	REMARKS
JOHN DOE	12/15/1980	M	W	W	C		HS: ABC HIGH SCHOOL, CHICAGO, ILL.	ACT: 28 SAT: 1200	
JANE SMITH	03/22/1981	F	W	W	C		HS: DEF HIGH SCHOOL, CHICAGO, ILL.	ACT: 30 SAT: 1300	

ACADEMIC RECORD									
NAME	DATE OF BIRTH	SEX	RACE	ETHNICITY	RELIGION	POLITICAL AFFILIATION	EDUCATIONAL BACKGROUND	TEST SCORES	REMARKS
JOHN DOE	12/15/1980	M	W	W	C		HS: ABC HIGH SCHOOL, CHICAGO, ILL.	ACT: 28 SAT: 1200	
JANE SMITH	03/22/1981	F	W	W	C		HS: DEF HIGH SCHOOL, CHICAGO, ILL.	ACT: 30 SAT: 1300	

EXTRACURRICULAR ACTIVITIES									
NAME	DATE OF BIRTH	SEX	RACE	ETHNICITY	RELIGION	POLITICAL AFFILIATION	EDUCATIONAL BACKGROUND	TEST SCORES	REMARKS
JOHN DOE	12/15/1980	M	W	W	C		HS: ABC HIGH SCHOOL, CHICAGO, ILL.	ACT: 28 SAT: 1200	
JANE SMITH	03/22/1981	F	W	W	C		HS: DEF HIGH SCHOOL, CHICAGO, ILL.	ACT: 30 SAT: 1300	

RECOMMENDATIONS									
NAME	DATE OF BIRTH	SEX	RACE	ETHNICITY	RELIGION	POLITICAL AFFILIATION	EDUCATIONAL BACKGROUND	TEST SCORES	REMARKS
JOHN DOE	12/15/1980	M	W	W	C		HS: ABC HIGH SCHOOL, CHICAGO, ILL.	ACT: 28 SAT: 1200	
JANE SMITH	03/22/1981	F	W	W	C		HS: DEF HIGH SCHOOL, CHICAGO, ILL.	ACT: 30 SAT: 1300	

ADDITIONAL INFORMATION									
NAME	DATE OF BIRTH	SEX	RACE	ETHNICITY	RELIGION	POLITICAL AFFILIATION	EDUCATIONAL BACKGROUND	TEST SCORES	REMARKS
JOHN DOE	12/15/1980	M	W	W	C		HS: ABC HIGH SCHOOL, CHICAGO, ILL.	ACT: 28 SAT: 1200	
JANE SMITH	03/22/1981	F	W	W	C		HS: DEF HIGH SCHOOL, CHICAGO, ILL.	ACT: 30 SAT: 1300	

C.—TOTAL NUMBER OF INDIVIDUAL CHILDREN INSPECTED BY THE MEDICAL OFFICERS, whether as Routine or Special Cases (no child being counted more than once in the year).

No. of Individual Children Inspected 10,902

Actual No. of Re-examinations :—

Boys	...	...	...	...	...	1,111
Girls	...	...	...	...	...	939
						<u>2,050</u>

TABLE II.

Return of Defects found in the Course of Medical Inspection in 1921.

DISEASE OR DEFECT.	ROUTINE INSPECTION				SPECIALS.	
	ELEMENTARY SCHOOLS.		SECONDARY AND HIGH SCHOOLS.			
	Number referred for Treatment	Number requiring to be kept under observation, but not referred for Treatment	Number referred for Treatment	Number requiring to be kept under observation, but not referred for Treatment	Number referred for Treatment	Number requiring to be kept under observation, but not referred for Treatment
Malnutrition... ..	61	3	...	...	37	...
Uncleanliness :—						
Head	161	...	1	...	2	...
Body	22	...	...	...	2	...
Skin :—						
Ringworm :—						
Head	16	...	...	...	148	...
Body	12	...	...	...	49	...
Scabies	29	...	1	...	114	...
Impetigo	39	...	...	...	118	...
Other Diseases (Non-						
Tubercular) ...	15	...	1	...	56	...
Eye :—						
Blepharitis	47	...	...	...	29	...
Conjunctivitis	9	...	...	...	13	...
Keratitis ... ..	...	...	...	...	...	...
Corneal Ulcer	2	...	...	...	2	...
Corneal Opacities	2	...	...	...	1	...
Defective Vision	407	...	21	...	118	...
Squint	52	...	...	...	2	...
Other Conditions... ..	4	...	...	...	6	...

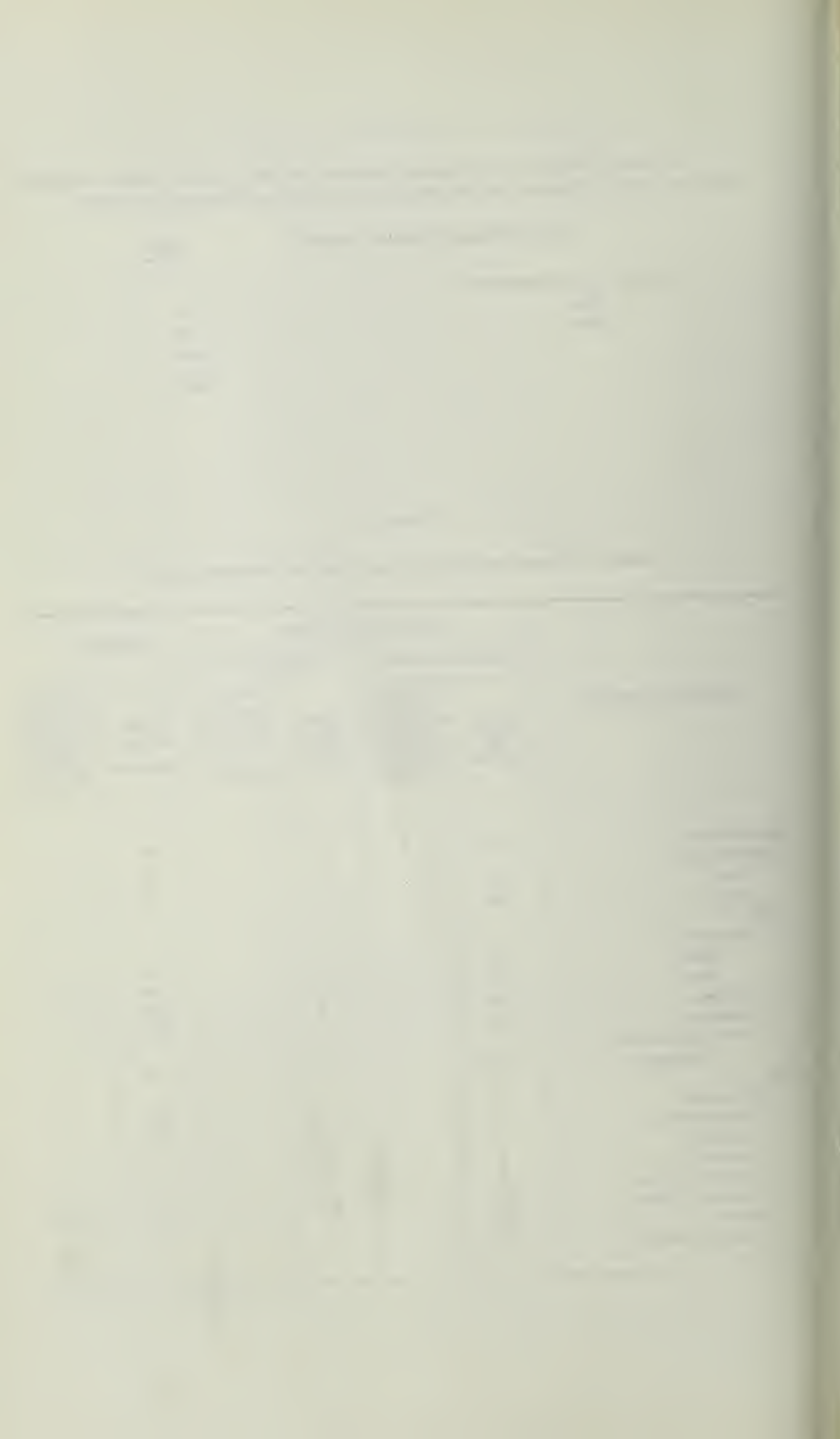


TABLE II.—*continued.*

DISEASE OR DEFECT.	ROUTINE INSPECTION				SPECIALS.	
	ELEMENTARY SCHOOLS.		SECONDARY AND HIGH SCHOOLS.		Number referred for Treatment	Number requiring to be kept under observation, but not referred for Treatment
	Number referred for Treatment	Number requiring to be kept under observation, but not referred for Treatment	Number referred for Treatment	Number requiring to be kept under observation, but not referred for Treatment		
Ear :—						
Defective Hearing ...	25	1	1	...	5	...
Otitis Media ...	39	...	...	...	34	...
Other Ear Diseases ...	11	...	2	...	14	...
Nose and Throat :—						
Enlarged Tonsils ...	807	5	37	...	113	...
Adenoids ...	91	2	2	...	58	...
Enlarged Tonsils and Adenoids ...	49	...	...	...	20	...
Other Conditions... ..	14	1	...	...	14	...
Enlarged Cervical Glands (Non-Tubercular)... ..	1	...	...	...	...	...
Defective Speech ...	2	...	...	...	...	...
Teeth :—						
Dental Diseases ...	464	...	39	...	37	...
Heart and Circulation :—						
Heart Disease :—						
Organic ...	28	14	2	...	7	1
Functional ...	20	20	4	...	11	...
Anæmia ...	70	4	2	...	31	2
Lungs :—						
Bronchitis ...	59	19	...	1	31	1
Other Non-Tubercular Diseases ...	...	8	...	...	7	...
Tuberculosis :—						
Pulmonary :—						
Definite ...	...	...	...	...	...	...
Suspected ...	1	...	...	...	18	...
Non-Pulmonary :—						
Glands ...	3	1	...	...	8	...
Spine ...	...	...	...	...	2	...
Hip ...	1	1	...	...	3	...
Other Bones and Joints	1	...	...	...	2	...
Skin ...	...	...	...	...	...	...
Other Forms ...	1	1	...	...	1	...
Nervous System :—						
Epilepsy ...	...	1	...	...	7	...
Chorea ...	3	1	...	...	22	...
Other Conditions... ..	...	1	...	...	14	...
Deformities :—						
Rickets ...	...	1	1	...	2	...
Spinal Curvature... ..	5	6	...	...	2	...
Other Forms ...	9	4	...	...	2	...
Other Defects and Diseases	33	4	1	...	180	2

Number of Individual Children having Defects which required Treatment or to be kept under observation :—

Elementary Schools	...	2,270
Secondary and High Schools	...	111



TABLE III.

Numerical Return of all Exceptional Children in Cardiff in the year 1921.

				Boys	Girls	TOTAL	
BLIND. (Including partially blind) within the meaning of the Elementary Education (Blind and Deaf Children) Act, 1893.				Attending Public Elementary Schools...	1	1	2
				Attending Certified Schools for the Blind	12	7	19
				Not at School	2	7	9
DEAF AND DUMB. (Including partially deaf) within the meaning of the Elementary Education (Blind and Deaf Children) Act, 1893.				Attending Public Elementary Schools...	1	1	2
				Attending Certified Schools for the Deaf	16	16	32
				Not at School	2	2
MENTALLY DEFICIENT.	Feeble Minded.	Attending Public Elementary Schools...		...	1	1	
		Attending Certified Schools for Mentally Defective Children		19	13	32	
		Notified to the Local Control Authority by Local Education Authority during the year		2	1	3	
		Not at School		7	...	7	
	Imbeciles.	At School		2	...	2	
		Not at School		15	8	23	
	Idiots.	.....		...	...	...
	EPILEPTICS.				Attending Public Elementary Schools...	23	12	35
				Attending Certified Schools for Epileptics
				In Institutions other than Certified Schools	1	1
				Not at School	3	4	7
PHYSICALLY DEFECTIVE.	Pulmonary Tuberculosis.	Attending Public Elementary Schools...		9	11	20	
		Attending Certified Schools for Physically Defective Children ... ..		...	...	...
		In Institutions other than Certified Schools		1	3	4	
		Not at School		22	28	50	
	Crippling due to Tuberculosis.	Attending Public Elementary Schools...		4	...	4	
		Attending Certified Schools for Physically Defective Children ... ..		...	...	...
		In Institutions other than Certified Schools		1	2	3	
		Not at School		2	2	4	
	Crippling due to causes other than Tuberculosis, i.e., Paralysis, Rickets, Traumatism.	Attending Public Elementary Schools...		45	25	70	
		Attending Certified Schools for Physically Defective Children ... ..		...	...	...
		In Institutions other than Certified Schools		1	2	3	
		Not at School		8	15	23	
	Other Physical Defectives, e.g., delicate and other children suitable for admission to Open-Air Schools; children suffering from severe heart disease.	Attending Public Elementary Schools...		60	86	146	
		Attending Open-Air Schools ... ..		...	...	...
		Attending Certified Schools for Physically Defective Children, other than Open-Air Schools ... ..		...	...	...
		Not at School		5	...	5	
DULL OR BACKWARD.				Retarded 2 years	206	203	409
				Retarded 3 years	41	54	95

TABLE IV.

Treatment of Defects of Children during 1921.

A.—TREATMENT OF MINOR AILMENTS.

DISEASE OR DEFECT.	NUMBER OF CHILDREN.						
	Referred for Treat- ment	TREATED.					
		Under Local Authority's Scheme.				Other- wise	Total
		By School Nurses at Homes of Children	At School Clinic	By School Nurses at Cleansing Station	By Nurses of Queen Victoria Jubilee Nurses' Institute		
SKIN :—							
Ringworm—Head ...	164	9	138	4	9	4	164
„ Body ...	61	6	44	4	...	2	56
Scabies ...	143	28	47	42	...	1	118
Impetigo ...	456	341	104	...	4	4	453
Minor Injuries ...	4	...	2	...	...	2	4
Other Skin Diseases ...	72	16	47	...	2	6	71
EAR DISEASE ...	131	13	22	1	...	10	46
EYE DISEASE (external and other) ...	168*	10	44	...	...	4	58
MISCELLANEOUS ...	62	39	9	...	1	7	56

This Table includes many cases that were not examined by the Medical Officers. Such cases were referred mainly by Head Teachers and when medical attention was not absolutely necessary, the cases were dealt with by the School Nurses.

*Some of these cases were subsequently referred to the Oculist at the School Clinic, and therefore are reported upon in Table IV. B. (Treatment of Visual Defect.)

B.—TREATMENT OF VISUAL DEFECTS.

(1)

CHILDREN EXAMINED FOR ERRORS OF REFRACTION.									
At Clinic	Elsewhere	Total	Glasses Prescribed	Glasses Provided			Glasses not required	Recommended for treatment other than Glasses	No treatment required
				By Parents	With assistance of Local Authority	Total			
522	27	549	460	264	42	306	89	40	49

(2)

CHILDREN EXAMINED FOR DEFECTS OTHER THAN ERRORS OF REFRACTION.			
At Clinic	Treatment Recommended	Treated at School Clinic	No Treatment Required
174	93	92	81

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(3)

Age	Squint			Hypermetropia	Myopia	Astigmatism.		
	1-5 years	5-10 years	10-15 years			Hypermetropic	Myopic	Mixed
Boys ...	2	39	29	44	20	86	20	14
Girls ...	8	46	36	90	39	139	40	30
Total	10	85	65	134	59	225	60	44

C.—TREATMENT OF DEFECTS OF EAR, NOSE AND THROAT AT SPECIAL CLINIC.

						No. of Children.
Referred for Treatment	...	...	...	...	...	1,354
Examined by Specialists at School Clinic	...	...	...	...	...	833
Received Operative Treatment:—						
At the School Clinic	...	...	...	...	...	415
By Private Practitioners	...	...	...	...	...	70
Total	...	...	...	...	...	485
Received other forms of Treatment:—						
At School Clinic	...	...	...	...	...	298
By Private Practitioners	...	...	...	...	...	...
Total	...	...	...	...	...	298

The number of attendances of Ear, Nose and Throat Cases at the School Clinic during the year was 1,851.

D.—TREATMENT OF DENTAL DEFECTS.

1.—Number of Children (5 to 8 years) dealt with.

(a) Inspected by Dentist	...	...	...	...	...	2,370
(b) Referred for Treatment	...	...	...	...	...	1,788
(c) Actually Treated	...	...	...	...	...	870
(d) Re-treated	...	...	...	...	...	Nil.

2.—Particulars of Time given and Operations undertaken.

(1) No. of Half-days devoted to Inspection	...	...	...	...	31
(2) " " " Treatment	...	...	...	...	226
(3) Total No. of Attendances made by the Children at the Clinic	...	...	...	...	1,762
(4) No. of Permanent Teeth Extracted	...	...	...	...	275
(5) " " " Filled	...	...	...	...	458
(6) No. of Temporary Teeth Extracted	...	...	...	...	1,625
(7) " " " Filled	...	...	...	...	127
(8) Total No. of Fillings	...	...	...	...	585
(9) No. of Administrations of General Anæsthetics included in (4) and (6)	...	...	...	...	305
(10) No. of Other Operations—Dressings	...	...	...	...	201
(11) " " " Scalings	...	...	...	...	119

Date		Description		Amount	
1890	Jan 1	Balance		100.00	
	Feb 1	Interest		5.00	
	Mar 1	Interest		5.00	
	Apr 1	Interest		5.00	
	May 1	Interest		5.00	
	Jun 1	Interest		5.00	
	Jul 1	Interest		5.00	
	Aug 1	Interest		5.00	
	Sep 1	Interest		5.00	
	Oct 1	Interest		5.00	
	Nov 1	Interest		5.00	
	Dec 1	Interest		5.00	
	Total			100.00	

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E.—TREATMENT OF UNCLEANLINESS.

Number of Visits made by School Nurses to Schools	345
*Average number of Visits to each School	4.7
Total number of Examinations made of children by School Nurses during the year in the Schools	51,837
Number of Individual Children found unclean	1,872
Number of Individual Children re-examined by School Nurses in the Schools	1,496
Number of children found upon re-examination to have been cleansed... ..	1,042

*Girls and Infants' Departments are counted as separate Schools.

F.—TREATMENT OF ALL OTHER DEFECTS.

DISEASE OR DEFECT.	NUMBER OF CHILDREN.			
	Referred for Treat- ment	TREATED.		
		By Private Practitioners Hospital, or Tuberculosis Dispensary	Other- wise	TOTAL
Malnutrition	98	29	39	68
Enlarged Cervical Glands	1	1	...	1
Dental Diseases	540	100	152	252
Diseases of Heart and Circulation	175	25	33	58
Diseases of Lungs (Non-Tubercular)	97	21	14	35
Pulmonary Tuberculosis	19	18	1	19
Other Forms of Tuberculosis	31	20	5	25
Diseases of Nervous System	46	28	14	42
Deformities	20	5	1	6
Other Defects and Diseases	213	76	131	207

TABLE V.

SUMMARY OF TREATMENT OF DEFECTS as shewn in Table IV. (A, B, C, D, and F, but excluding E.).

DISEASE OR DEFECT.	NUMBER OF CHILDREN.			
	Referred for Treat- ment	TREATED.		
		Under Local Authority's Scheme	Other- wise	TOTAL
Minor Ailments	1,261	986	39	1,025
Visual Defects	785	749	31	780
Defects of Ear, Nose and Throat	1,354	749	10	759
Dental Defects	2,328	870	252	1,122
Other Defects	580	—	461	461
TOTAL	6,308	3,354	793	4,147

TABLE VI.

SUMMARY RELATING TO CHILDREN MEDICALLY INSPECTED at the Routine Inspections during the year 1921.

(1) The total number of children medically inspected at the Routine Inspections* ...	8,966
(2) The number of children in (1) suffering from Defects (other than uncleanliness or defective clothing or footgear) who require to be kept under observation (but not referred for treatment)	99
(3) The number of children in (1) suffering from :—	
Malnutrition	64
Skin Disease	113
Defective Vision (including Squint)	480
Eye Disease	64
Defective Hearing	27
Ear Disease	52
Nose and Throat Disease	1,008
Enlarged Cervical Glands (Non-Tubercular)	1
Defective Speech	2
Dental Disease	503
Heart Disease :—	
Organic	44
Functional	44
Anæmia	76
Lung Disease (Non-Tubercular)	87
Tuberculosis :—	
Pulmonary { Definite ... ..	...
Suspected	1
Non-Pulmonary	9
Disease of the Nervous System	6
Deformities	26
Other Defects and Diseases	38
(4) The number of children in (1) who were referred for treatment (excluding uncleanliness, defective clothing, etc.)	2,314
(5) The number of Children in (4) who received treatment for one or more defects (excluding uncleanliness, defective clothing, etc.)	1,338

*“Specials” are not included in this Table.

SPECIAL SCHOOLS,

TABLE VII.

AGES OF CHILDREN MEDICALLY INSPECTED.

	6	7	8	9	10	11	12	13	14	15	16	Total
Special School for Mentally Defective Children :—												
Boys		1	1	...	...	2	3	3	6	1	1	18
Girls ... ..		...	1	1	...	2	1	...	5	...	...	10
Oral School for Deaf Children :—												
Boys		1	2	5	1	2	4	2	...	...	1	18
Girls	1	...	...	...	2	...	2	5	...	1	...	11
School for Blind Children :—												
Boys	2	...	1	2	2	1	1	1	...	2	...	12
Girls ... ..	...	1	...	...	...	...	1	2	1	...	2	7
TOTALS	3	3	5	8	5	7	12	13	12	4	4	76

TABLE VIII.

RETURN OF DEFECTS FOUND IN THE COURSE OF MEDICAL INSPECTION OF CHILDREN
ATTENDING SPECIAL SCHOOLS.

DISEASE OR DEFECT.	REFERRED FOR TREATMENT.			
	Special School for Mentally Defective Children	Oral School for Deaf Children	School for Blind and partially Blind Children	TOTAL
Uncleanliness—Body	2	...	...	2
Defective Vision ... ..	...	2	5	7
Otorrhœa	1	1	...	2
Enlarged Tonsils ... ..	...	1	...	1
Dental Disease ... ..	...	1	...	1
Other Diseases and Defects	1	2	...	3

No. of Individual Children having Defects which required Treatment 16

TABLE IX.

AGES OF SCHOOL CHILDREN EMPLOYED OUT OF SCHOOL HOURS.

Period January 1st to December 31st, 1921.

AGE.						12	13	14	TOTAL
Boys	...	...	...	...	...	121	238	74	433
Girls	...	...	...	...	...	7	8	5	20
TOTALS						128	246	79	453

A child under the age of 12 years cannot now be legally employed.

TABLE X.

NATURE OF EMPLOYMENT OF SCHOOL CHILDREN EMPLOYED OUT OF SCHOOL HOURS.

NATURE OF EMPLOYMENT.						Boys	Girls	TOTAL
Assisting in Shops	...	...	...	...	...	...	4	4
Delivery of Bread	...	...	...	...	...	4	...	4
Delivery of Milk	...	...	...	...	...	13	2	15
Domestic Work	...	...	...	...	...	...	2	2
Errands	...	...	...	...	...	291	1	292
Miscellaneous	...	...	...	...	...	125	11	136
TOTALS						433	20	453

The hawking of newspapers is illegal except for boys over the age of 15 years. Boys between 15 and 16 years need a licence for this work.

TABLE XI.

NUMBER OF HOURS OF EMPLOYMENT PER WEEK (INCLUDING SATURDAY AND SUNDAY)
OF SCHOOL CHILDREN EMPLOYED OUT OF SCHOOL HOURS.

NUMBER OF HOURS PER WEEK.							BOYS	GIRLS	TOTAL
1	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	4	...	4
3	...	...	...	...	...	...	1	...	1
4	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	30	1	31
6	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	10	...	10
8	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	3	...	3
11	...	...	...	...	...	...	2	1	3
12	...	...	...	...	...	...	25	2	27
13	...	...	...	...	...	...	18	3	21
14	...	...	...	...	...	...	10	2	12
15	...	...	...	...	...	...	295	8	303
16	...	...	...	...	...	...	6	1	7
17	...	...	...	...	...	...	29	2	31
TOTALS							433	20	453

Fifteen hours per week is the maximum number of hours which a child may be employed under the provisions of the Bye-Laws made under the Employment of Children Act, 1903, as amended by the Education Act, 1918, excepting in the delivery of Milk and Newspapers where 2 hours employment is allowed on Sunday mornings, which makes a maximum of 17 hours per week for these two employments.

